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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CYNOMOLGUS MONKEY DICKKOPF-4, NUCLEOTIDES ENCODING SAME, AND USES THEREOF

ATGGCGGCCGG	CCGTCCTGCT	GGGACTGAGC	TGGCTCTGCT	CTCCCTGGG	AGCTCTGGTC	60
CTGGACTTCA	ACAACATCAG	GAGCTCTGCT	GACCTGCTTG	GGGCCCGGAA	GGGCTCACAG	120
TGCTCTGTCTG	ACACAGACTG	CAATACCAGA	AAGTTCTGCC	TCCAGTCCCA	CAATGAGAAG	180
CCGTTCTGTG	CTACATGTGCG	TGGGTTGCAG	AGGAGGTGCC	AGCGAGATGC	CATGTGCTGC	240
CCTGGGACAC	TCTGCATGAA	TGATGTTTGT	ACTACGATGG	AAGACGCAAC	CCCAAAATTG	300
GAAAGGCAGC	TTGATGAGCA	AGATGGCACA	CATGCAGAAG	TAACAACCTGG	GCACCCAGTC	360
CAGGAAAACC	AACCCAAGAG	GAAGCCAAGT	ATTAAGAAAT	CACAAGGCAG	GAAGGGACAA	420
GAGGGAGAAA	GTTGTCTGAG	AACTTTTGAC	TGTGGCCCTG	GACTTTGCTG	TGCTCGTCAT	480
TTTGGACGA	AAATTTGAA	GCCAGTCCTT	TTGGAGGGAC	AGGTCTGCTC	CAGGAGAGGG	540
CATAAAGACA	CTGCTCAAGC	TCCAGAAATC	TTCCAGCGTT	GCGACTGTGG	CCCCGGACTA	600
CTGTGTCGAA	GCCAACGTGAC	CAGCAATCAG	CAGCATGCAC	GGTTACGAGT	ATGCCAAAAA	660
ATAGAAAAGC	TATAA					675

(57) Abstract: The cynomolgus monkey Dickkopf-4 (cDkk-4) protein, isolated nucleic acid molecules which encode the cDkk-4 protein, and recombinant vectors and hosts comprising DNA encoding the cDkk-4 protein are disclosed. Also disclosed are methods for identifying analytes which interfere with the interaction between the cDkk-4 protein and a homologous or heterologous Dkk receptor and analytes which interfere with the interaction and stimulate bone formation. Analytes identified using the methods are useful for treating osteoporosis and other bone loss disorders.

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